

IMBEDDED MODULATION IN A NTSC COMPOSITE SIGNAL

ABSTRACT OF THE DISCLOSURE

A method and system for sending and receiving binary bit stream in a composite
5 video signal, such as a NTSC signal. The binary bit stream is modulated according to
quadrature amplitude modulation, converted to analog and translated to an intermediate
frequency relative to the composite video signal and the associated sync pulses, and
combined with the composite video signal. At reception of a composite video signal that
includes the modulated bit stream, the sync pulses of the composite video signal are
10 determined by extracting the composite video signal from the modulated bit stream. Also,
the modulated bit stream is extracted from the composite video signal, separated into its
component parts based on the sync pulses, and combined into a binary bit stream.